

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1656SXC

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3	May 12 EXTEND option available in structure searching
NEWS	4	May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS	5	May 27 New UPM (Update Code Maximum) field for more efficient patent SDIs in CPlus
NEWS	6	May 27 CPlus super roles and document types searchable in REGISTRY
NEWS	7	Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS	8	Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS	9	Jul 12 BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS	10	Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS	11	AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS	12	AUG 02 CPlus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS	13	AUG 02 STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS	14	AUG 02 The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	15	AUG 04 Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS EXPRESS	JULY 30	CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
NEWS PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS WWW		CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:28:48 ON 19 AUG 2004

=> FIL CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CAPLUS' ENTERED AT 10:28:58 ON 19 AUG 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 19 Aug 2004 VOL 141 ISS 8

FILE LAST UPDATED: 18 Aug 2004 (20040818/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s gtgccagcagcagcgtaata/sqsn

**REGISTRY INITIATED**

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L2 14 L1

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 14 DUP REM L2 (0 DUPLICATES REMOVED)

=> d l3 1-14

L3 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2004:18790 CAPLUS

DN 140:88660

TI Diagnosis of bacteremia by detection of eubacteria infection using universal 16S rRNA primers in AluI-decontaminated PCR assay

IN Rothman, Richard E.; Majmudar, Maulik D.

PA USA

SO U.S. Pat. Appl. Publ., 17 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004005555	A1	20040108	US 2001-940860	20010829
PRAI	US 2000-229376P	P	20000831		

L3 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2004:164289 CAPLUS

DN 140:335482  
TI New perspective on uncultured bacterial phylogenetic division OP11  
AU Harris, J. Kirk; Kelley, Scott T.; Pace, Norman R.  
CS Department of Molecular, Cellular and Developmental Biology, University of  
Colorado, Boulder, CO, 80309-0347, USA  
SO Applied and Environmental Microbiology (2004), 70(2), 845-849  
CODEN: AEMIDF; ISSN: 0099-2240  
PB American Society for Microbiology  
DT Journal  
LA English  
RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:164275 CAPLUS  
DN 140:335422  
TI Variation in sulfide tolerance of photosystem II in phylogenetically  
diverse cyanobacteria from sulfidic habitats  
AU Miller, Scott R.; Bebout, Brad M.  
CS NASA Ames Research Center, Moffett Field, CA, 94035, USA  
SO Applied and Environmental Microbiology (2004), 70(2), 736-744  
CODEN: AEMIDF; ISSN: 0099-2240  
PB American Society for Microbiology  
DT Journal  
LA English  
RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:864666 CAPLUS  
DN 140:178095  
TI Comparative 16S rDNA and 16S rRNA sequence analysis indicates that  
Actinobacteria might be a dominant part of the metabolically active  
bacteria in heavy metal-contaminated bulk and rhizosphere soil  
AU Gremion, Fabienne; Chatzinotas, Antonis; Harms, Hauke  
CS ISTE-Laboratory of Soil Science (LPE), Swiss Federal Institute of  
Technology Lausanne (EPFL), ENAC, Lausanne, CH-1015, Switz.  
SO Environmental Microbiology (2003), 5(10), 896-907  
CODEN: ENMIFM; ISSN: 1462-2912  
PB Blackwell Publishing Ltd.  
DT Journal  
LA English  
RE.CNT 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:363725 CAPLUS  
DN 139:160573  
TI Phylogenetic relationships among yeasts of the Saccharomyces complex  
determined from multigene sequence analyses  
AU Kurtzman, Cletus P.; Robnett, Christie J.  
CS Agricultural Research Service, National Center for Agricultural  
Utilization Research, Microbial Genomics and Bioprocessing Research Unit,  
U.S. Department of Agriculture, Peoria, IL, 61604, USA  
SO FEMS Yeast Research (2003), 3(4), 417-432  
CODEN: FYREAG; ISSN: 1567-1356  
PB Elsevier Science B.V.  
DT Journal  
LA English  
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:295698 CAPLUS

DN 137:60020  
TI Microbial diversity of hydrothermal sediments in the Guaymas Basin:  
evidence for anaerobic methanotrophic communities  
AU Teske, Andreas; Hinrichs, Kai-Uwe; Edgcomb, Virginia; De Vera Gomez,  
Alvin; Kysela, David; Sylva, Sean P.; Sogin, Mitchell L.; Jannasch, Holger  
W.  
CS Biology Department, Woods Hole Oceanographic Institution, Woods Hole, MA,  
02543, USA  
SO Applied and Environmental Microbiology (2002), 68(4), 1994-2007  
CODEN: AEMIDF; ISSN: 0099-2240  
PB American Society for Microbiology  
DT Journal  
LA English  
RE.CNT 90 THERE ARE 90 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:210011 CAPLUS  
DN 136:366305  
TI Molecular and culture-based analyses of prokaryotic communities from an  
agricultural soil and the burrows and casts of the earthworm Lumbricus  
rubellus  
AU Furlong, Michelle A.; Singleton, David R.; Coleman, David C.; Whitman,  
William B.  
CS Department of Microbiology, University of Georgia, Athens, GA, 30602-2605,  
USA  
SO Applied and Environmental Microbiology (2002), 68(3), 1265-1279  
CODEN: AEMIDF; ISSN: 0099-2240  
PB American Society for Microbiology  
DT Journal  
LA English  
RE.CNT 82 THERE ARE 82 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:503104 CAPLUS  
DN 136:194776  
TI PCR-SSCP comparison of 16S rDNA sequence diversity in soil DNA obtained  
using different isolation and purification methods  
AU Stach, J. E. M.; Bathe, S.; Clapp, J. P.; Burns, R. G.  
CS Research School of Biosciences, University of Kent, Canterbury, Kent, CT2  
7NJ, UK  
SO FEMS Microbiology Ecology (2001), 36(2-3), 139-151  
CODEN: FMECEZ; ISSN: 0168-6496  
PB Elsevier Science B.V.  
DT Journal  
LA English  
RE.CNT 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1999:232871 CAPLUS  
DN 131:83578  
TI Levels of bacterial community diversity in four arid soils compared by  
cultivation and 16S rRNA gene cloning  
AU Dunbar, John; Takala, Shannon; Barns, Susan M.; Davis, Jody A.; Kuske,  
Cheryl R.  
CS Environmental Molecular Biology Group, Life Sciences Division, Los Alamos  
National Laboratory, Los Alamos, NM, 87545, USA  
SO Applied and Environmental Microbiology (1999), 65(4), 1662-1669  
CODEN: AEMIDF; ISSN: 0099-2240  
PB American Society for Microbiology  
DT Journal  
LA English

RE.CNT 51      THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3    ANSWER 10 OF 14    CAPLUS    COPYRIGHT 2004 ACS on STN  
AN    1999:85955    CAPLUS  
DN    130:279037  
TI    Actinobacillus succinogenes sp. nov., a novel succinic-acid-producing  
strain from the bovine rumen  
AU    Guettler, Michael V.; Rumler, Denise; Jain, Mahendra K.  
CS    MBI International, Lansing, MI, 48909, USA  
SO    International Journal of Systematic Bacteriology (1999), 49(1), 207-216  
CODEN: IJSBA8; ISSN: 0020-7713  
PB    Society for General Microbiology  
DT    Journal  
LA    English

RE.CNT 38      THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3    ANSWER 11 OF 14    CAPLUS    COPYRIGHT 2004 ACS on STN  
AN    1999:466177    CAPLUS  
DN    131:224248  
TI    Single gene circles in dinoflagellate chloroplast genomes  
AU    Zhang, Zhaoduo; Green, B. R.; Cavalier-Smith, T.  
CS    Canadian Institute for Advanced Research Evolutionary Biology Programme,  
Department of Botany, University of British Columbia, Vancouver, BC, V6T  
1Z4, Can.  
SO    Nature (London) (1999), 400(6740), 155-159  
CODEN: NATUAS; ISSN: 0028-0836  
PB    Macmillan Magazines  
DT    Journal  
LA    English

RE.CNT 29      THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3    ANSWER 12 OF 14    CAPLUS    COPYRIGHT 2004 ACS on STN  
AN    1998:550527    CAPLUS  
DN    129:185055  
TI    Diagnosis of Plasmodium infection by hybridization and PCR analysis of  
extrachromosomal genetic material  
IN    Kara, Anna Kate Ursula; Ting, Robert Chin Yao; Tham, Jill Maelan; Nelson,  
James Stuart; Tan, Theresa May Chin  
PA    The National University of Singapore, Singapore; Institute of Molecular  
and Cell Biology  
SO    PCT Int. Appl., 120 pp.  
CODEN: PIXXD2  
DT    Patent  
LA    English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9835057	A1	19980813	WO 1998-IB212	19980205
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9857777	A1	19980826	AU 1998-57777	19980205
PRAI	AU 1997-4953		19970206		
	AU 1997-6329		19970421		
	AU 1997-9481		19970926		
	WO 1998-IB212		19980205		

RE.CNT 10      THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3    ANSWER 13 OF 14    CAPLUS    COPYRIGHT 2004 ACS on STN  
AN    1998:785098    CAPLUS  
DN    130:194143  
TI    Plastids are widespread and ancient in parasites of the phylum Apicomplexa  
AU    Lang-Unnasch, Naomi; Reith, Michael E.; Munholland, Janet; Barta, John R.  
CS    Division of Geographic Medicine, Department of Medicine, University of  
Alabama at Birmingham, Birmingham, AL, 35294-2170, USA  
SO    International Journal for Parasitology (1998), 28(11), 1743-1754  
CODEN: IJPYBT; ISSN: 0020-7519  
PB    Elsevier Science Ltd.  
DT    Journal  
LA    English  
RE.CNT 42      THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3    ANSWER 14 OF 14    CAPLUS    COPYRIGHT 2004 ACS on STN  
AN    1997:646694    CAPLUS  
DN    127:342417  
TI    Partial nucleotide sequence and organization of extrachromosomal  
plastid-like DNA in Plasmodium berghei  
AU    Yap, Melvyn W. C.; Kara, Ursula A. K.; ten Heggeler-Bordier, Beatrice;  
Ting, Robert C. Y.; Tan, Theresa M. C.  
CS    Molecular Parasitology Laboratory, School of Biological Sciences, 10 Kent  
Ridge Crescent, Singapore, Singapore  
SO    Gene (1997), 200(1-2), 91-98  
CODEN: GENED6; ISSN: 0378-1119  
PB    Elsevier  
DT    Journal  
LA    English